

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	(US-20020013846-\$ or US-20030093479-\$ or US-20030005174-\$).did. or (US-7003695-\$ or US-6704737-\$ or US-6721767-\$ or US-6839896-\$ or US-6185577-\$ or US-6925476-\$ or US-6785722-\$ or US-5758154-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/15 15:11
S2	276873	(change or rollback or redo or undo) with (action or operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:33
S3	2270	record with (change or rollback or redo or undo) with (action or operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:33
S4	67	record with (change or rollback or redo or undo) with (action or operation) with (relationship or relation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:36
S5	0	record with (change or rollback or redo or undo) with (action or operation) with (relationship or relation) and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:35
S6	0	record with (change or rollback or redo or undo) with (action or operation) same (relationship or relation) and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:36
S7	229	record with (change or rollback or redo or undo) with (action or operation) same (relationship or relation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:36

EAST Search History

S8	2	record same (change or rollback or redo or undo) with (action or operation) same (relationship or relation) and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:38
S9	3	("6108668").URPN.	USPAT	OR	OFF	2006/12/06 09:37
S10	12	record same (change or rollback or redo or undo) with (action or operation) same (relationship or relation) same (log or logging)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:40
S11	41	record same (change or rollback or redo or undo) with (action or operation) same (relationship or relation) same log\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:42
S14	19	record\$3 same (change or rollback or redo or undo) same (action or operation) same (relation\$4) same log\$4 and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:50
S15	67	record\$3 same (change or rollback or redo or undo) same (action or operation) same (first and second) and (relation\$4) and log\$4 and "707". clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:55
S16	8	record\$3 same (change or rollback or redo or undo) same (action or operation) same (first and second) same (relation\$4) and log\$4 and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/06 09:51
S17	6160	(plurality or multiple) with application same (change or rollback or redo or undo) same (action or operation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 09:56

EAST Search History

S18	197	(plurality or multiple) with application same (change or rollback or redo or undo) same (action or operation) and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 09:56
S19	62	(plurality or multiple) with application with (change or rollback or redo or undo) same (action or operation) and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 09:57
S20	36	(plurality or multiple) with application with (change or rollback or redo or undo) with (action or operation) and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 09:57
S21	8	(plurality or multiple) with application with (rollback or redo or undo) with (action or operation) and "707".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 09:59
S22	6	(plurality or multiple) with application same (rollback or redo or undo) with (action or operation) and "707".clas. not S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 10:02
S23	1	(plurality or multiple) with application same (rollback or redo or undo) same (action or operation) and "707".clas. not (S21 or S22)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 10:02
S24	45	(plurality or multiple) same application same (rollback or redo or undo) same (action or operation) and "707".clas. not (S21 or S22 or S23)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 15:59

EAST Search History

S25	10	(plurality or multiple) same application same (rollback or redo or undo) same (related or relationship) and "707". clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 10:11
S26	6	(first and second) same application same (rollback or redo or undo) same (related or relationship) and "707". clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 10:13
S27	31	(first and second) same application same (rollback or redo or undo) same (related or relationship)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/06 10:13
S28	3682	(plurality or multiple) same application same (action or operation) with (replace\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 16:00
S29	55	(plurality or multiple) same application same (action or operation) with (replace\$4) and ("705".clas. or "707". clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 16:05
S30	20	(plurality or multiple) with application same (action or operation) with (replace\$4) and ("705".clas. or "707". clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 16:59
S31	249	(plurality or multiple) with application same (action or operation) with (replace\$4) and (change or rollback or redo or undo)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 16:59

EAST Search History

S33	66	(plurality or multiple) with application same (action or operation) with (replace\$4) same (change or rollback or redo or undo)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:00
S34	2	(plurality or multiple) with application same (action or operation) with (replace\$4) same (change or rollback or redo or undo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:00
S35	0	(plurality or multiple) with application same (action or operation) with (replace\$4) same (rollback or redo or undo)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:01
S36	1	(plurality or multiple) with application same (action or operation) same (replace\$4) same (rollback or redo or undo)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:01
S37	75	application same (action or operation) same (replace\$4) same (rollback or redo or undo)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:08
S38	17	application same (action or operation) same (replace\$4) same (rollback or redo or undo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:02
S39	58	application same (action or operation) same (replace\$4) same (rollback or redo or undo) not S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:12

EAST Search History

S42	232	(multiple or plurality) same application same (action or operation) same (rollback or redo or undo)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:30
S43	136	(multiple or plurality) same application same (action or operation) with (rollback or redo or undo)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:13
S44	64	(multiple or plurality) same application same (action or operation) with (rollback or redo or undo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/14 17:13
S45	11	(US-20030005174-\$ or US-20020013846-\$ or US-20030093479-\$).did. or (US-7003695-\$ or US-6925476-\$ or US-6839896-\$ or US-5758154-\$ or US-6785722-\$ or US-6704737-\$ or US-6721767-\$ or US-6185577-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/15 14:27
S46	571	application same (rollback or redo or undo) same (select\$4 or pick or choose)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:32
S47	92	application with (rollback or redo or undo) with (select\$4 or pick or choose)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:33
S48	28	application with (rollback or redo or undo) with (select\$4 or pick or choose) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:38

EAST Search History

S49	11022	(operation or action) with (related or relationship) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:18
S50	49	(record or log\$3) with (change or rollback or redo or undo) with (operation or action) with (related or relationship) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:42
S51	13	(record or log\$3) with (operation or action) with (related or relationship) same (rollback or redo or undo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:49
S52	1318	(register or registration) same (record\$3 or log\$3) with (operation or action) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:50
S53	804	(register or registration) with (record\$3 or log\$3) with (operation or action) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:50
S54	1	(register or registration) with (record\$3 or log\$3) with (operation or action) same (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:51
S55	17	(register or registration) same (record\$3 or log\$3) same (operation or action) same (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:57

EAST Search History

S56	66	(register or registration) same (record\$3 or log\$3) same (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 14:57
S57	49	(register or registration) same (record\$3 or log\$3) same (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.) not S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:00
S58	24	(record\$3 or log\$3) same (action or operation) with (related or relation or relationship) same (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:05
S59	112	(record\$3 or log\$3) with (action or operation) with (related or relation or relationship) and (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:06
S60	11	(US-5745750-\$ or US-6879989-\$ or US-6915316-\$ or US-6671757-\$ or US-6757696-\$ or US-6473767-\$ or US-6938042-\$ or US-5857204-\$ or US-6694336-\$ or US-6654912-\$ or US-6925476-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/12/15 15:11
S61	2	("system-wide" or "network-wide") with (operation or action) with (log\$3 or record\$3) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:20
S62	10	("system-wide" or "network-wide") same (operation or action) with (log\$3 or record\$3) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:23

EAST Search History

S63	305	(global) same (operation or action) with (log\$3 or record\$3) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:24
S64	152	(global) with (operation or action) with (log\$3 or record\$3) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:25
S65	51	(global) with (operation or action) with (log\$3) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:26
S66	27	(global) with (operation or action) with (log or logging) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:44
S67	2	"6721767".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:34
S68	1	("6721767").URPN.	USPAT	OR	OFF	2006/12/15 15:34
S69	11	("4751639" "5005122" "5204958" "5212772" "5347653" "5448724" "5638509" "5673381" "5761677" "5778395" "6148412").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/15 15:36
S70	16	(global) with (operation or action) with (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:50

EAST Search History

S71	12	(global) with (log or logging) with (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:57
S72	269	(system) with (log or logging) with (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 15:58
S73	87	(system) with (log or logging) with (action or operation) with (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 16:01
S74	29	(system) with (log or logging) with application with (rollback or roll adj back or undo or redo) and ("705".clas. or "707".clas. or "715.clas" or "717".clas.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/15 16:01
S75	2	"6,343,275".pn. "6,625,651".pn.	USPAT	OR	OFF	2006/12/15 16:54
S76	7	"5,745,110".pn. "6,567,840".pn. "6,519,763".pn. "6,510,451".pn. "6,505,162".pn. "6,408,277".pn. "6,035,278".pn.	USPAT	OR	OFF	2006/12/15 16:57

All Results

[D Lomet](#)

[T Berlage](#)

[A Dix](#)

[M Ressel](#)

[A Brown](#)

Abstract models of interactive systems - group of 3 »

AJ Dix, C Runciman - People and Computers: Designing the Interface, 1985 - comp.lancs.ac.uk

... **Application. Undo** mechanisms can get quite sophisticated, ranging from the simple restoration of delete buffers to the keeping of entire session history trees ...

Cited by 22 - Related Articles - Cached - Web Search

A framework for shared applications with a replicated architecture - group of 4 »

T Berlage, A Genau - Proceedings of the 6th annual ACM symposium on User ..., 1993 - portal.acm.org

... are several advantages if a graphical interactive **application** remembers the interaction history in addition to the current state. **Undo** and **redo** enable the user ...

Cited by 53 - Related Articles - Web Search

Persistent Applications Using Generalized Redo Recovery - group of 12 »

DB Lomet - Proceedings of the Fourteenth International Conference on ..., 1998 - doi.ieeecomputersociety.org

... can be recovered with greatly reduced **application** state Rushing because we instead rc- play them. Recovery is accomplished via database **redo** recovery in which ...

Cited by 19 - Related Articles - Web Search - BL Direct

An integrating, transformation-oriented approach to concurrency control and undo in group editors - group of 4 »

M Ressel, D Nitsche-Ruhland, R Gunzenhäuser - Proceedings of the 1996 ACM conference on Computer supported ..., 1996 - portal.acm.org

... ie, multi-user **applications** for coopera- tive work [2, 5], present remarkable challenges for **application** designers. Concurrency control and group **undo** are two ...

Cited by 133 - Related Articles - Web Search

A selective undo mechanism for graphical user interfaces based on command objects - group of 4 »

T Berlage - ACM Transactions on Computer-Human Interaction (TOCHI), 1994 - portal.acm.org

... is what most existing **applications** offer. However, in multiuser **applications** ... Leeman [1986] presented two models for linear **undo** without a **redo** operation. ...

Cited by 70 - Related Articles - Web Search

An algorithm for distributed groupware applications

A Karsenty, M Beaudouin-Lafon - Distributed Computing Systems, 1993., Proceedings the 13th ..., 1993 - ieexplore.ieee.org

... algorithm that gives the best response time for the interface and, using the semantics of the **application**, reduces the number of **undo** and **redo** operations when ...

Cited by 93 - Related Articles - Web Search - Library Search - BL Direct

Undo for operators: Building an undoable e-mail store - group of 15 »

AB Brown, DA Patterson - Proceedings of the USENIX 2003 Annual Technical Conference. ..., 2003 - usenix.org

... of a system's hard state, and "**redo**" is implemented ... about the correctness of the undoable **application** service. ... ability to formally analyze the **undo** process, it ...

Cited by 47 - Related Articles - Cached - Web Search

Reducing the problems of group undo - group of 2 »

M Ressel, R Gunzenhäuser - Proceedings of the international ACM SIGGROUP conference on ..., 1999 - portal.acm.org

... Finding transformation rules for other **applications** is still a matter of research ...

would then be reserved for a command and all following **undo** or **redo** commands ...
Cited by 27 - Related Articles - Web Search

[PS] Giving Undo Attention - group of 9 »

GD Aowd, AJ Dix - Interacting with Computers, 1992 - comp.lancs.ac.uk

... **redo** and skip are not considered further in this paper as ... As the **application** is unaware that there is more than one source of commands, any **undo** supported will ...

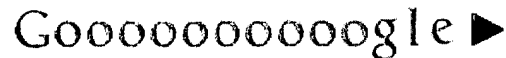
[Cited by 60](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

A tutorial on hidden Markov models and selected applications in speech recognition - group of 15 »

LR Rabiner - Proceedings of the IEEE, 1989 - ieeexplore.ieee.org

... a system which will opti- mally remove the noise and **undo** the transmission ... However, widespread understanding and **application** of the theory of HMMs to speech ...

Cited by 4661 - Related Articles - Web Search



Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

application undo OR redo

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2006 Google